

FIG. 1
(Prior Art)

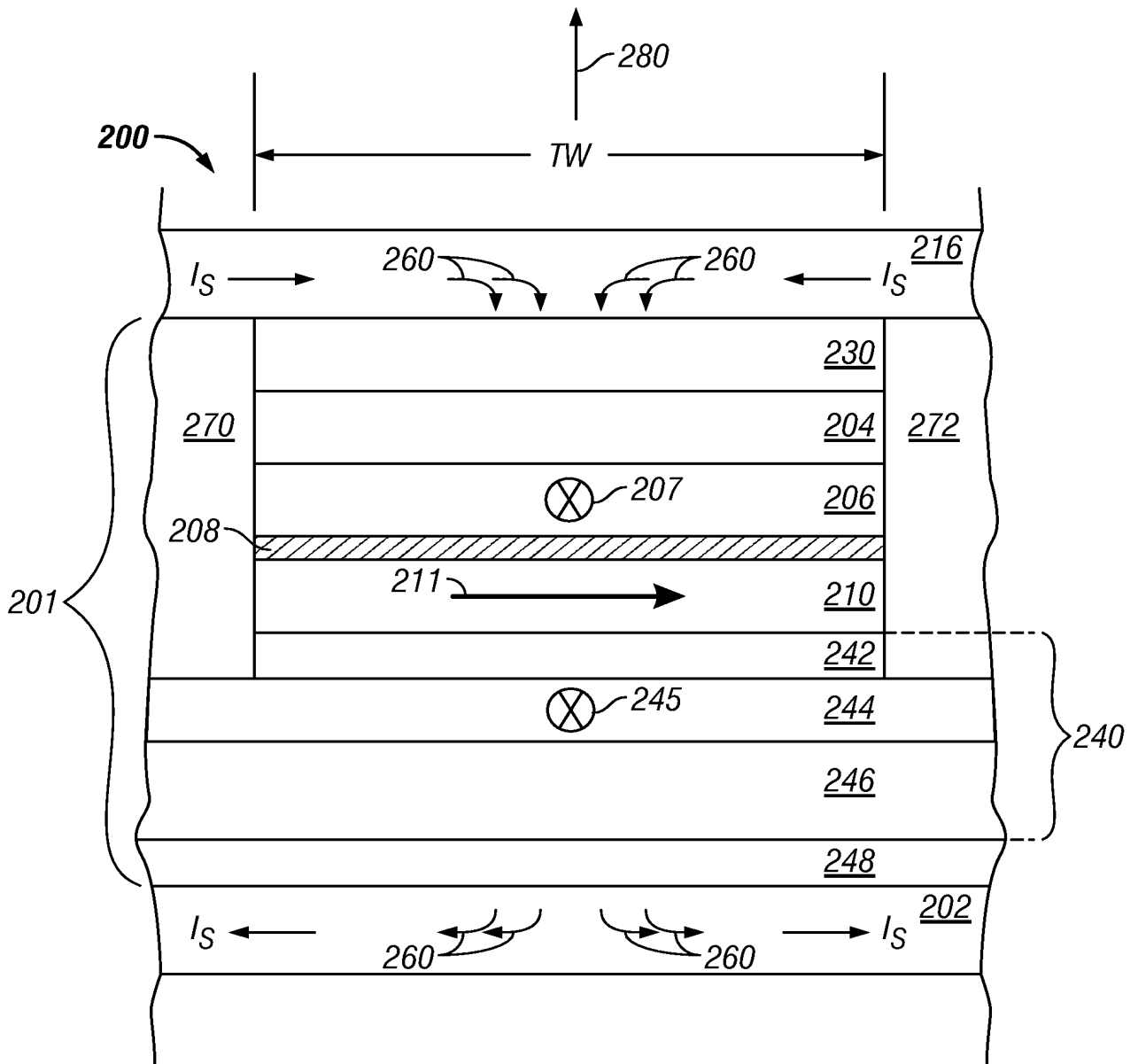


FIG. 2

| |
|--|
| <i>Capping Layer</i> |
| <i>20Å Co₈₀ Fe₂₀ or 40Å Ni₈₀ Fe₂₀ Free Layer</i> |
| <i>Pt Mn Spacer Layer</i> |
| <i>20Å Co₈₀ Fe₂₀ Biasing Layer</i> |
| <i>Pt Mn or IrMn Antiferromagnet</i> |
| <i>Underlayer</i> |
| <i>Si or Glass</i> |

FIG. 3

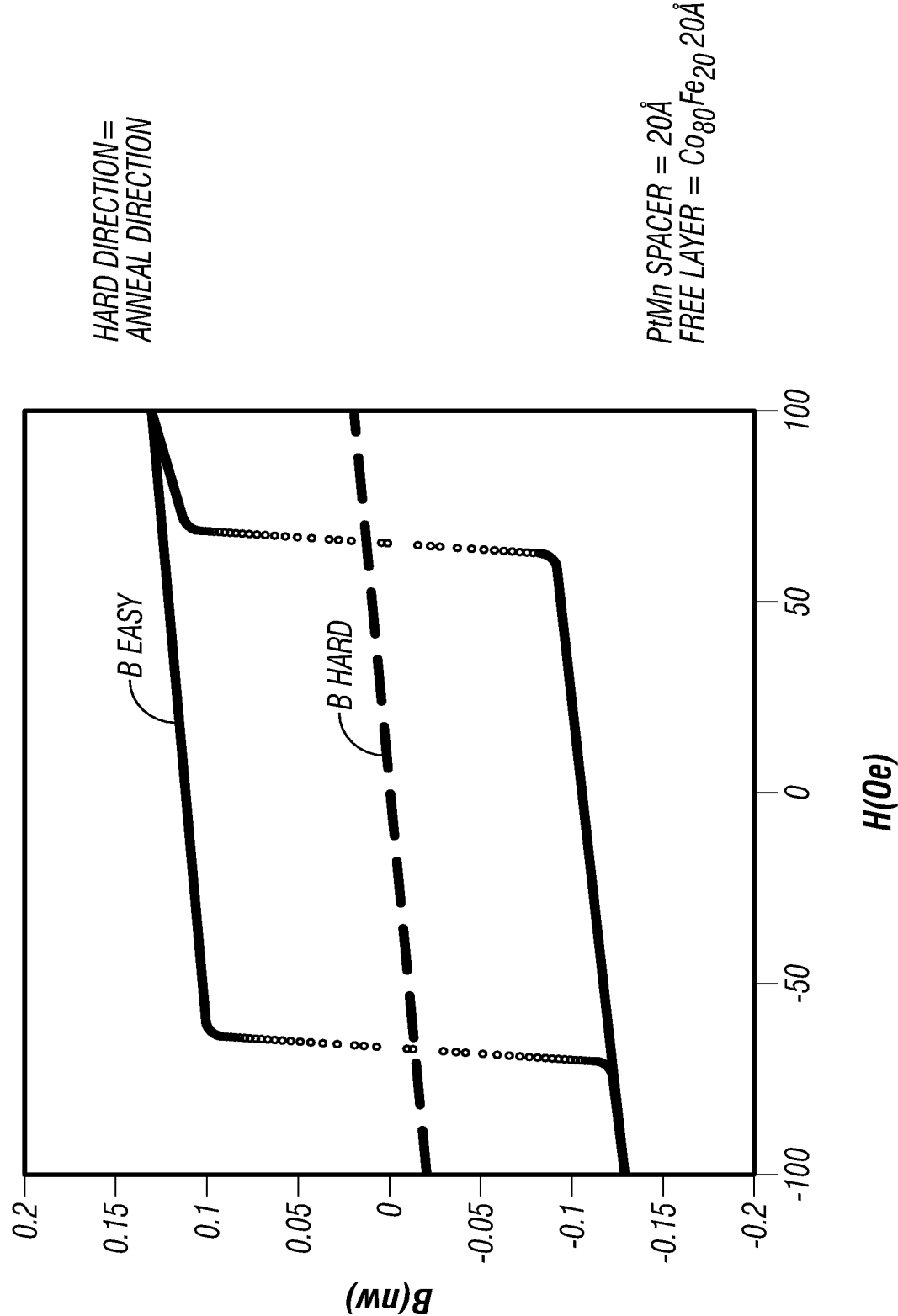


FIG. 4

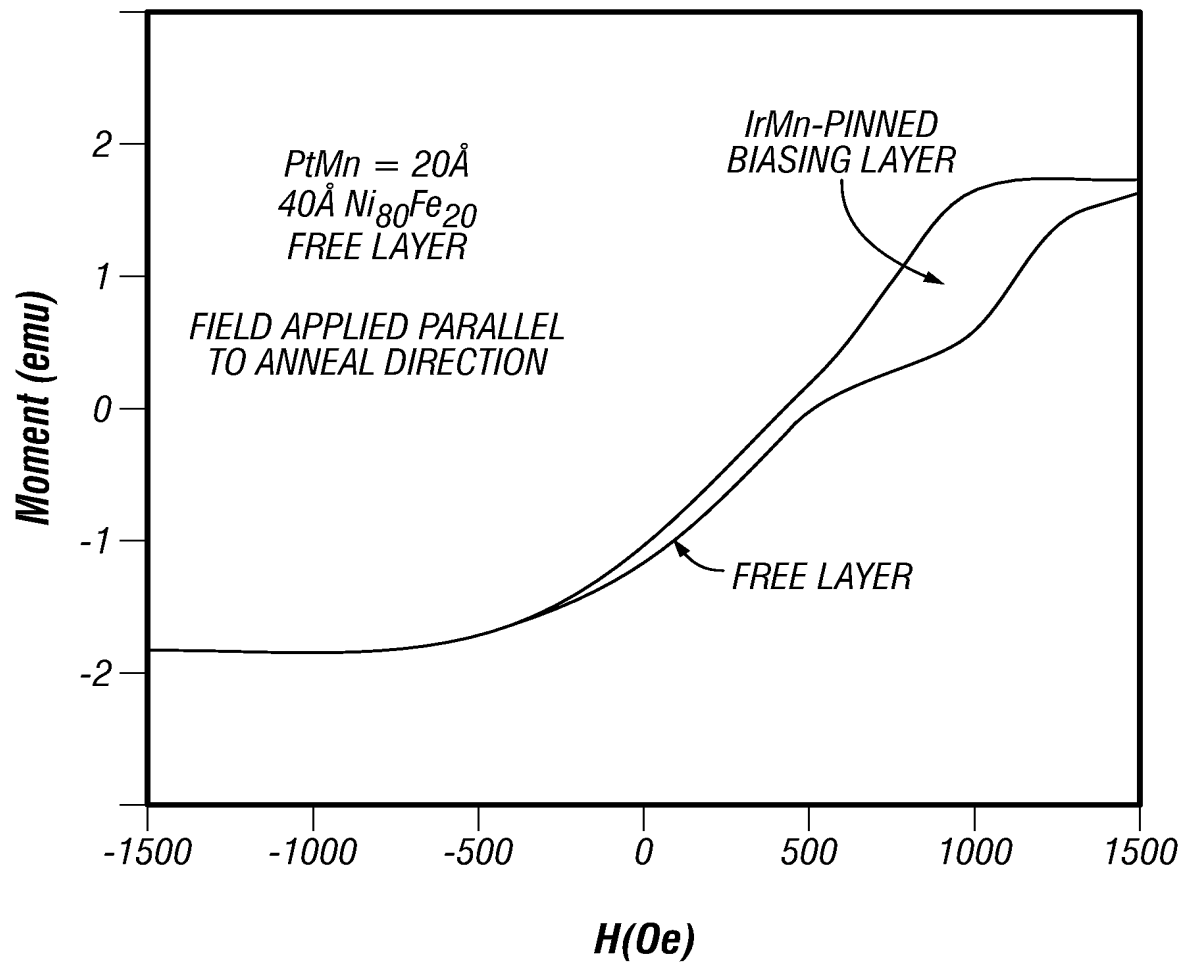


FIG. 5

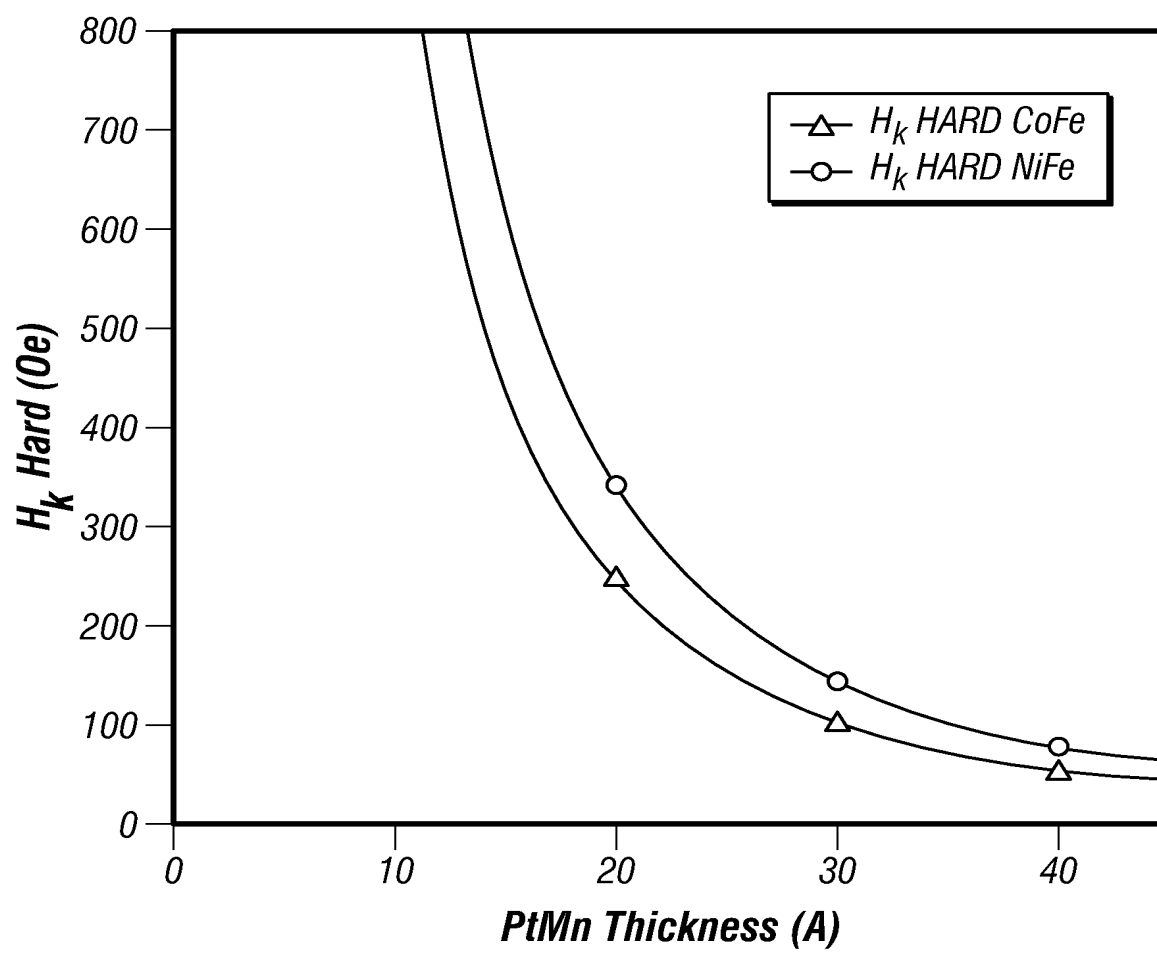


FIG. 6